Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Excecutive Engineer, Project division

SCHEDULE - B

Name of Work: Providing Fencing to Balance Porction of Mallasandra Quarry Sy No.33, in Ward No.13, Mallasandra, Project sub division, Dasarahalli Zone.

Sl No	Description of Items	Unit	Qty	As per Sanction Rates	
				In Figures (Rs.)	In Words (Rs.)
1	Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	811.00	204.16	Rupees Two Hundred Four and Sixteen paise only
2	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	143.75	5236.92	Rupees Five Thousand Two Hundred Thirty Six and Ninty Two paise only
3	Providing and constructing granite I trap I basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, uring complete as per specifications.	Cum	704.29	5159.16	Rupees Five Thousand one Hundred Fifty nine and Sixteen paise only
4	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	223.46	4905.36	Rupees four Thousand Nine Hundred five and Thirty Six paise only
5	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 eaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	40.00	5991.84	Rupees Five Thousand nine Hundred Ninty one and Eighty Four paise only

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6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications	Sqm	1064.52	306.72	Rupees Three Hundred Six and Seventy Two paise only
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification do - TMT bars Fe 500 No.	Tonne	14.28	60021.00	Rupees Six Thousand Twenty one only
8	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)	Cum	176.93	6332.04	Rupees Six Thousand Three Hundred Thirty Two and Four paise only
9	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	246.62	129.60	Rupees one Hundred Twenty nine and Sixty paise only
10	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the engineer-in - charge of the work and including providing 2 coats of pproved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)	Rmt	590.00	991.44	Rupees Nine Hundred Ninty one and Fourty four paise only
11	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between / the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as irected by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.	Rmt	600.00	338.04	Rupees Three Hundred Thirty Eight and Zero Four paise only
12	Providing chain link fencing 50mm size of 8 guage properly stretched etween existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint	Sqm	380.00	697.68	Rupees Six Hundred Ninty Seven and Sixty Eight paise only
13	Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3,20mm, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per pecifications.	Sqm	90.00	145.80	Rupees one Hundred Fourty five and Eighty paise only

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14	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirpes as shown in drawing. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated - by the Engineering charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work.	Each	1.00	5184.00	Rupees Five Thousand one Hundred Eighty Four only
15	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	256.00	743.04	Rupees Seven Hundred Fourty Three and Zero four paise only
16	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	737.02	184.68	Rupees one Hundred Eighty Four and Sixty Eight paise only
17	Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	737.02	8.64	Rupees Eight and Sixty Four paise only
18	Providing and fabricating M.S grill OS as per approved drawing & Specification	Sqm	927.50	9062.00	Rupees Nine Thousand Sixty Two only
19	G.L Barbed Wire Fencing 1.8 Metre High:- Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M-15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI taples, turn buckles etc complete as per clause 800.7 as per secifications. MORTH Specification No. 807	M	555.00	402.84	Rupees Four Hundred Two and Eighty Four paise only

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